

NOTES:

1. GLAZING PANEL OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS INSTALLED IN TOP SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 16.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. SLIDE LOCKS REQUIRED.

4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO .052" MINIMUM VINYL FACER AND A POLYLAMINATE BACKER. EACH SECTION SHALL HAVE 30 GA STEEL RAILS AT THE TOP AND BOTTOM OF EACH SECTION. END CAP TO HAVE A MINIMUM 1.3" DEPTH.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

13 GA HORIZ ANGLE
13 GA FLAG ANGLE
16 GA MIN HORIZ TRACK
5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)
16 GA MIN VERT TRACK
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB JAMB BRACKET LOCATION

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

SLIDE LOCK EACH END (SEE NOTE 3).

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 ON THIS SHEET FOR GLAZING OPTIONS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
10'-0"	7'-0"	+170.0/-189.5	+898.3/-1001.5
	8'-0"	+170.0/-189.5	+1020.8/-1138.0
15'-0"	7'-0"	+170.0/-189.5	+845.4/-942.5
	8'-0"	+170.0/-189.5	+960.7/-1071.0
16'-0"	7'-0"	+170.0/-189.5	+878.1/-978.9
	8'-0"	+170.0/-189.5	+997.8/-1112.3

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	4	6	QI	2" (JB), 13" (QI), 25-1/2" (JB), 34" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	6	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	5	8	QI	2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)
8'-0"	5	8	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 57-1/4" (JB), 66" (JB), 75-1/2" (JB)

NOTE:

(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

(QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK.

Wayne Dalton

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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF): +39.20/-43.70	MAX WIDTH: 16'-0"	DATE	NAME
TEST (PSF): +58.80/-65.55	MAX HEIGHT: 8'-0"	DRAWN 1/18/08	GRT
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 21"	CHECKED 2/27/08	MRB

MODEL 9300

WINDLOAD SPECIFICATION OPTION CODE 1,423

SHEET 1 OF 2

DRAWING PART NO. 333513
REV. P1

REVISIONS

P1 CORRECTED POST DESIGN LOADS. REMOVED CONCRETE SPECIFICATION FROM NOTES AND ADDED DETAIL H SHEET 2 FOR CONCRETE SPECIFICATION. GRT 3/25/08

NOTE: POST SYSTEM FOR THE 16' AND 15' WIDE DOOR IS TO BE INSTALLED 36"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. (2) POST SYSTEMS ARE TO BE INSTALLED ON ALL DOOR WIDTHS EXCEPT 10'. A SINGLE POST SYSTEM IS TO BE INSTALLED ON THE CENTERLINE OF THE DOOR FOR 10' DOOR WIDTHS. SEE WINDLOAD POST INSTALLATION INSTRUCTIONS.

SEE NOTE BELOW

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FLORIDA LICENSE NO. 57389

U-BAR SPACER
FACTORY INSERTED INTO
END OF U-BAR.

JB-1 JAMB BRACKET
ATTACHED TO TOP
FIXTURE WITH (1)
1/4-20x1" BOLT AND NUT
AND ATTACHED TO END
STILE WITH (1)
1/4-20x5/8" SELF
DRILLING SCREW

DETAIL A

14 GA UPPER HINGE
ATTACHED WITH (2)
1/4-14x5/8" CRIMPITE
SCREWS

14 GA LOWER HINGE
FACTORY ATTACHED WITH (1)
#12-14x1/2" SELF TAPPING
SCREW

2" NYLON
STORMGARD ROLLER
WITH 4-1/2" STEM

DETAIL B

14 GA UPPER HINGE ATTACHED
WITH (2) 1/4-14x5/8"
CRIMPITE SCREWS

14 GA LOWER HINGE
FACTORY ATTACHED WITH
(1) #12-14x1/2" SELF
TAPPING SCREW

DETAIL C

BOTTOM NYLON ROLLER
CARRIER FACTORY
ATTACHED

DETAIL D

2500 PSI MIN
CONCRETE

8" X 8" MIN
TURNDOWN SLAB
AT EDGE

DETAIL H

ADJUSTABLE TOP
FIXTURE ATTACHED TO
U-BAR WITH (2)
1/4-20x1" BOLTS AND
NUTS (1 THROUGH JB-1
JAMB BRACKET AND
TOP FIXTURE)

13 GA ROLLER SLIDE
ATTACHED TO PRE-PUNCHED
HOLES IN BOTTOM OF U-BAR
WITH (2) 1/4-14x5/8"
CRIMPITE SCREWS. USE
VIEWING HOLE IN SLIDE TO
ENSURE PROPER ALIGNMENT
OF ROLLERS

HEADER
HEADER LOCK
BRACKET
TOP PLATE
EXTENSION
TOP LOCK
PLATE
STRAP
BRACKET
5/16"
HITCH PIN
(2) 1/4-20x5/8"
SELF DRILLING
SCREWS
(2) 5/16-12x1"
SELF DRILLING
SCREWS W/ 5/16
FLAT WASHERS
LOCKING
STRAP
5/16-18x2-1/2"
HEX BOLT & NUT
(4) 5/16-12x1"
SELF DRILLING
SCREWS
INNER
POST

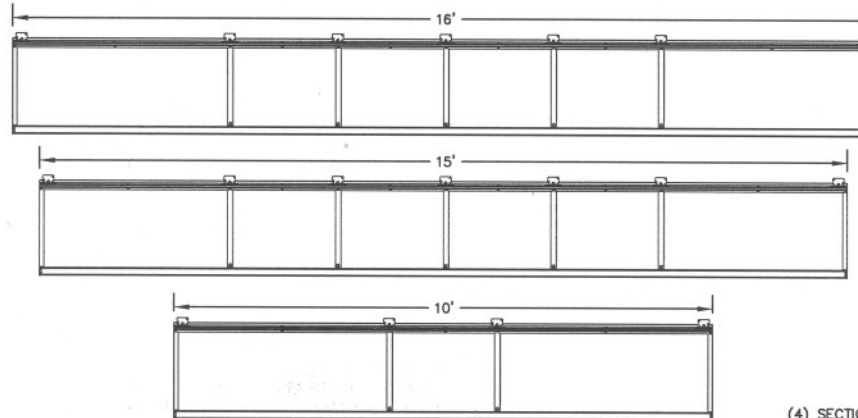
DETAIL E

1/2-13x3-1/2"
HEX BOLT & NUT

(4) 5/16-12x1"
SELF DRILLING
SCREWS

DETAIL G

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



(5) SECTION DOORS
WITH (6) 3", 18 GA,
80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (5) 3", 18 GA,
80 KSI U-BARS
LOCATED AS SHOWN

DETAIL F

U-BAR ATTACHMENT NOTES

ALL U-BARS AT SECTION JOINTS SHALL HAVE (3)
#12-14x1/2" SELF TAPPING SCREWS AT EACH HINGE
LOCATION AND (2) #12-14x1/2" SELF TAPPING
SCREWS HALF WAY BETWEEN EACH HINGE LOCATION.
U-BARS LOCATED ON THE TOP OF THE TOP SECTION
AND THE BOTTOM OF THE BOTTOM SECTION SHALL
HAVE (2) #12-14x1/2" SELF TAPPING SCREWS AT
EACH STILE LOCATION AND HALF WAY BETWEEN
EACH STILE LOCATION.

REVISIONS

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DESIGN LOADS. REMOVED
CONCRETE SPECIFICATION
FROM NOTES AND ADDED
DETAIL H SHEET 2 FOR
CONCRETE SPECIFICATION.
GRT 3/25/08

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MODEL 9300				SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1423				DRAWING PART NO.		REV.	
				333513		P1	

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

7/10/08
TX PE 95/19